

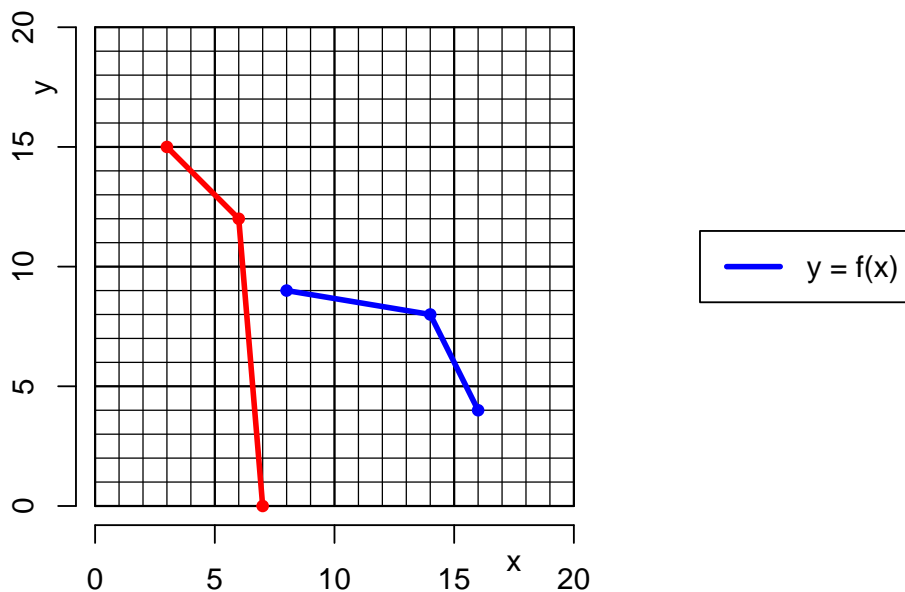
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 7)

### Question 1

Curve  $y = f(x)$  contains points  $(8, 9)$  and  $(14, 8)$  and  $(16, 4)$ , as shown on the  $x$ - $y$  plane below.

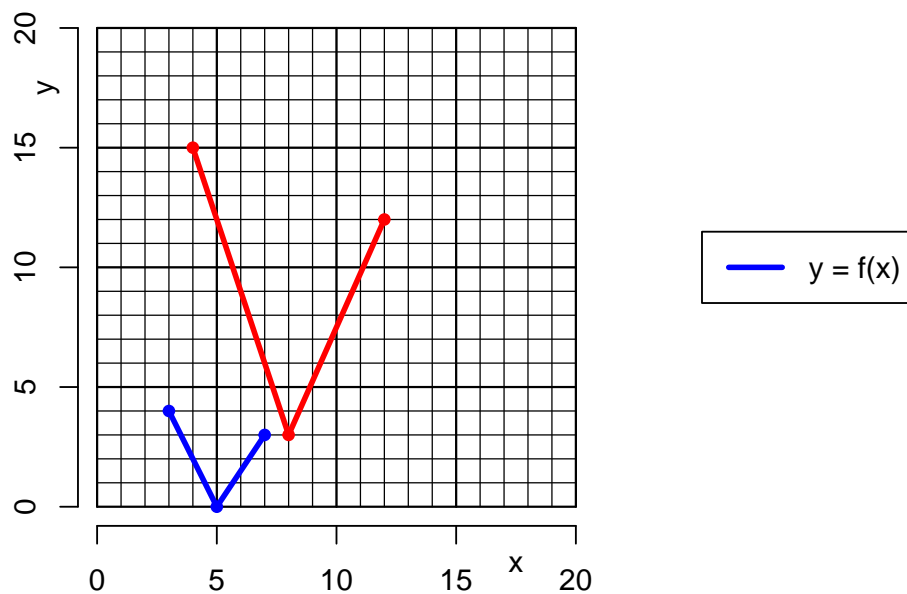


On the same plane, please draw the curve represented by the equation below:

$$y = 3(f[2x + 2] - 4)$$

## Question 2

Curve  $y = f(x)$  contains points  $(3, 4)$  and  $(5, 0)$  and  $(7, 3)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 3f\left[\frac{x+2}{2}\right] + 3$$